To: Way, Steven[way.steven@epa.gov]

From: Matt Francis

**Sent:** Thur 5/29/2014 4:46:56 PM

Subject: RE: Adit Portal and Tunnel rehab specs

That picture sure makes the GK look like a winner.

From: Way, Steven [mailto:way.steven@epa.gov]

Sent: Thursday, May 29, 2014 8:43 AM

To: Matt Francis; Christoph Goss

Subject: Adit Portal and Tunnel rehab specs

Matt and Christoph,

The purpose for the call is to discuss the potential of developing a set of specifications for rehabilitation of the adit portal and some distance of rehab underground, yet to be determined but not more than 100 ft.

Attached is a recent set of bid specifications that the state is using on another mine. This may be useful for our discussions today. The Gold King mine is the project that I am looking into for this year if we can get in place to start. A few of the specifics that I want to address include:

- 1. Specifications for the extent of steel sets vs. timbers
- 2. Foam vs cribbing for voids over the back and sides
- 3. Fir lagging vs. steel

Apparently the ground is not good for at least 75 ft or more inby of the face.

I will plan to do a three way call from my office; talk with you at 11:00. If we need to change this time just let me know.

Thanks,

Steve

Steven Way

Federal On-Scene Coordinator

Emergency Response Unit

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